



## King County

ENGINEER II  
BRIDGE & STRUCTURAL DESIGN UNIT  
DEPARTMENT OF TRANSPORTATION  
ROAD SERVICES DIVISION  
ENGINEERING SERVICES SECTION  
Hourly Rate Range: \$27.66 - \$35.07  
Job Announcement: 06SB5968  
OPEN: 3/29/06 CLOSE: 4/21/06

**WHO MAY APPLY:** This position is open concurrently to King County Internal candidates and the general public. First consideration will be given to King County Internal candidates.

**WHERE TO APPLY:** Required forms and materials **must** be sent to: **Human Resources, Attn: Scott Bruns, 201 S Jackson St, MS KSC-TR-0313, Seattle, WA 98104-3856.** Application materials must be received by **4:00 p.m.** on the closing date (Postmarks are NOT ACCEPTED).  
**PLEASE NOTE:** Applications not received at the location specified above may not be processed. Also visit <http://www.metrokc.gov/kcdot/jobs/>

**FORMS AND MATERIALS REQUIRED:** (A) **King County Application** (B) Resume (C) Cover Letter detailing your background and describing how you meet or exceed each of the Required Qualifications - Knowledge, Skills, and Abilities.

**WORK LOCATION:** 201 S Jackson St, Downtown Seattle, WA 98104

**WORK SCHEDULE:** This position non-exempt from the Fair Labor Standards Act and is overtime eligible. Standard workweek is 40hrs per week; Monday through Friday.

**PRIMARY JOB DUTIES INCLUDE:** The Engineer II position will support the Bridge & Structural Design Unit with project management, design, review of plan, specification and estimates, bridge load ratings and bridge inspections. The Engineer II position will also perform structural design, analysis and prepare plans, specification and estimates for bridges, walls, and other roadway structures under the direction of the Senior or Bridge Engineer. Duties include:

- Assist or act as Project Manager for a specific task or assignment from inception to construction.
- Prepare designs, plan details, estimates, and specifications for bridges, walls, and other roadway related structures.
- Prepare and administer contracts for small works and CIP projects for various bridge replacement, rehabilitation, and repair projects.
- Perform structural analysis and review and analyze existing and proposed bridges upgrade improvements.
- Perform bridge inspections and prepare inspection result document and inventory.
- Perform plan, specification, and cost estimate review comments.
- Perform bridge live load rating and assess overload truck permits.

KING COUNTY IS AN EQUAL OPPORTUNITY EMPLOYER. JOB ANNOUNCEMENTS ARE AVAILABLE IN ALTERNATIVE FORMATS FOR PERSONS WITH DISABILITIES.

(206) 296-5209 <http://www.metrokc.gov/ohrm/jobs/JobApplications.htm> Website Address (206)-296-8535 TTY

- Research, assess, and/or develop technical data and specification for new or unique products.
- Review and approve construction shop drawings, shoring plans, and design calculations.

**REQUIRED QUALIFICATIONS - KNOWLEDGE, SKILLS AND ABILITIES:**

- Bachelor's degree in civil engineering with emphasis in concrete, steel and timber designs.
- Knowledge in developing bridge or structural design plans, specifications and cost estimates, and bridge live load ratings.
- Knowledge in project management techniques and principles to include budget, scope and schedule development and monitoring.
- Knowledge of technical disciplines including but not limited to Geotechnical, Environmental, Hydraulics, Traffic, Construction, Survey, etc. necessary for implementation of roadway projects.
- Skills in Microsoft Word, Excel, Access, MS Project, AutoCAD and structural design software.
- Superior verbal and written communication skills.
- Skills in responding to citizen inquiries and working with interest groups.
- Skills in problem solving and conflict resolution.
- Ability to communicate, work and cooperate with others and receive directions from supervisors and managers.
- Ability to plan and perform job duties according to project milestone schedules and budgets.
- Ability to coordinate meetings among citizens, agencies, and other interest groups.
- Team building; ability to lead, take direction, and make decisions in a team environment.

**DESIRED QUALIFICATION(S):**

- EIT and PE license in the state of Washington.

**SELECTION PROCESS:** Applications will be screened for qualifications, clarity and completeness. The most competitive candidates may be invited to participate in a panel interview. A second interview for finalists may be required. References will not be contacted until you are considered a finalist.

**NECESSARY SPECIAL REQUIREMENTS:** Valid Washington State Driver's License or the ability to travel throughout the County in a timely manner. Employment will be contingent on the success of a pre-employment physical examination.

**UNION MEMBERSHIP:** Positions in this classification are represented by the International Federation of Professional and Technical Engineers, Local 17.

**CLASS CODE: 8508**

**SEQUENCE NUMBER: 7256**